

CLAIMS

1. A vitreous antimicrobial agent comprising, relative to 100 mass % of total glass components, 0.1 to 2 mass % of Ag_2O , 40.5 to 49 mass % of ZnO, 6 to 9.5 mass % of SiO_2 , 30.5 to 39.5 mass % of B_2O_3 , 2 to 10 mass % of an alkaline earth metal oxide, and 6 to 7.5 mass % of Na_2O .
2. The vitreous antimicrobial agent according to Claim 1, wherein the glass components further comprise 0.01 to 5 mass % of CeO_2 .
3. The vitreous antimicrobial agent according to Claim 1, wherein the vitreous antimicrobial agent is a powder and has an average particle size of 0.1 to 30 μm .
4. An antimicrobial resin composition comprising the vitreous antimicrobial agent according to any one of Claims 1 to 3 in an amount at which an antimicrobial function is exhibited.
5. An antimicrobial resin composition comprising the vitreous antimicrobial agent according to any one of Claims 1 to 3 at 0.03 to 5 parts by mass relative to 100 parts by mass of the antimicrobial resin composition.
6. An antimicrobial product comprising the vitreous antimicrobial agent according to any one of Claims 1 to 3.